

**KONA WATER SERVICE COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JANUARY 2017**

	\$\$	KWH	
HELCO:			
12/2/16 to 1/3/17 Kukio Water Filtration	2,315.43	7,657	0.3024
11/8/16 to 12/7/16 Mamalahoa Hy #P296	122,026.80	462,600	0.2638
(Less) Amounts Billed Back to			
11/8/16 to 12/7/16 Makalei	(6,721.76)	(25,482)	0.2638
SUBTOTAL	\$117,620.47	444,775	0.2644
 GRAND TOTAL	 \$117,620.47	 444,775	 0.2644

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$117,620.47
TOTAL KWH	444,775
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.2644

KWSC WATER CALCULATIONS:

0.2644	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
18.7100	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = 5.2638
	POWER COST CHARGE PER TG

Formula used to calculate PCC

Electric Power Cost Per Thousand Gallons =

Previous Month's electrical cost per kwh x pump efficiency factor (kWh / 100 gallons) x 1.06385 (Public Service Company Tax and PUC Fee)

**KONA WATER SERVICE COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: JANUARY 2017**

\$\$

12/2/16 to 1/3/17

HELCO:	Kukio #WWTP	\$ 8,707.11
	Kukio Sewage Pump #1	\$ 180.02
	Kukio Sewage Pump #3	\$ 541.80
	Kukio Sewage Pump #4	\$ 861.27
	Kukio Sewage Pump #5	\$ 350.84
	Maniniowali #WWP STA 6 T	\$ 199.66
	Maniniowali #WWP STA 7	\$ 484.19
	72250 Kukio Nui DR#SP LIFT2**T	\$ 68.18
	SUBTOTAL	<u>\$ 11,393.07</u>
	GRAND TOTAL	<u><u>\$11,393.07</u></u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$11,393.07
PREVIOUS MONTH TOTAL METERED TG	1,627
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	<u>\$ 7.0025</u>

KWSC SEWER CALCULATIONS:

7.0025		UNIT PRICE FOR METERED WATER SALES
		[\$ / TG]
x		
1.06385		PSC/PUC fee =
		7.4496

**POWER COST
CHARGE PER TG**

Formula used to calculate PCC

Electric Power Cost Per Thousand Gallons =

Previous Month's Electric Cost / Divided by Previous Month's Total Metered TG of

Water to the Company's Customers x 1.06385 (Public Service Company Tax and PUC Fee)

**KONA WATER SERVICE COMPANY
 POWER COST CHARGE CALCULATION
 12 MONTH AVERAGE FOR KUKIO SEWAGE PUMP 1**

		<u>\$\$</u>	
	<u>KUKIO SEWAGE PUMP 1</u>		
HELCO:	Dec-15	\$	135.97
	Sep-15	\$	160.26
	Jan-16	\$	156.30
	Feb-16	\$	145.93
	Mar-16	\$	138.01
	Apr-16	\$	140.87
	May-16	\$	140.09
	Jun-16	\$	157.49
	Jul-16	\$	161.83
	Aug-16	\$	169.24
	Sep-16	\$	165.21
	Oct-16	\$	90.79
	SUBTOTAL	<u>\$</u>	<u>1,761.99</u>
	AVERAGE		<u><u>\$146.83</u></u>
	ACTUAL		\$159.66
	DIFFERENCE	<u>\$ 12.83</u>	ADD TO JANUARY 2017
		\$	167.19
		<u>\$ 180.02</u>	TOTAL FOR JANUARY